

PEEYUSH AGARWAL

CONTACT INFORMATION

Room No. 315, Hall 3
IIT Kanpur
Kanpur, U.P.

Phone: +91 8953453689
E-mail: peeyusha@iitk.ac.in
peeyushagarwal1994@gmail.com
Homepage: home.iitk.ac.in/~peeyusha

EDUCATION

Indian Institute of Technology Kanpur
Kanpur, U.P. India
B.Tech. April 2012 – present
(CPI 9.2/10.0)

Saint Xavier's Sr. Sec. School
Jaipur, Raj. India
AISSCE (Class 12th) (91%)

Saint Xavier's Sr. Sec. School
Jaipur, Raj. India
AISSE (Class 10th) (CGPA 10/10)

AWARDS AND FELLOWSHIPS

- Awarded the prestigious **Kishore Vigyan Protsahan Yojna(KVPY) fellowship** by the Department of Science and Technology, Government of India in the year 2012
- Secured **1st position** in 5th Rajasthan State Level UCMAS Abacus and Mental Arithmetic Competition
- Received **Academic Excellence Award** for outstanding performance in academics at IIT Kanpur
- Selected for **Indian National Astronomy Olympiad** (Top 300 in the country)

PERSONAL ACHIEVEMENTS

- Secured **All India Rank 171** among more than 5,00,000 students in **IIT-JEE 2012**
- Was among **top 0.07%** in **All India Engineering Entrance Examination 2012**
- Secured **All India Rank 91** in **ISAT 2012**(Organised by Indian Institute of Space Science and Technology)
- Awarded **Certificate of Merit** by CBSE for **outstanding performance in All India Secondary School Examination**

TECHNICAL SKILLS

Programming and Scripting Languages: C, C++, Python, SQL, HTML, CSS, Javascript, XML, Shell Scripting, Ruby, Rails
Operating Systems: Linux, Windows
Tools: L^AT_EX, Git, Matlab, Octave

PROJECTS

Online Medical Store

Used rails framework to build an Online Medical Store which was hosted on AWS and heroku.

Content Aware Mail Classifier

Applied different machine learning algorithms like Naive Bayes, SVM, Random Forest to classify mails of various users[Used Enron dataset] and tested the accuracies of these algorithms.

Also made a prototype of Mail Classifier using google app script.

MoodY! Trudes

Made a web app in Yahoo HackU that:

-Analyses the mood of the person based on his/her updates on social media over a period of time.

-Based on the mood of the person, it suggests music and images.

We used machine learning to predict the mood of the person[happy, sad, angry, excited].

STUDY OF ECONOMIC GROWTH RATE OF INDIA

Studied basics of Microeconomics and Macroeconomics and did an analysis of economic growth rate, reasons for it's decrease in past few fiscal years and steps taken by the government to increase it.

ELECTROMANIA, TAKNEEK

Designed and built a frogger game. In this game, the frog had to cross 4 roads and reach the other side which would increase the score by 1. However, the game will get reset if the frog collided with a car. Player could also vary the speed of the cars . For this we used various ICs like 555 , 4029 , 7447 , 4Mux , 8Mux and various logic gates etc.

POSITIONS OF RESPONSIBILITY

Executive,Professional Affairs, Techkriti'14

August 2013 – Present

Responsible for inviting eminent personalities/ professionals for the conduction of Talks, Shows and Exhibitions to be held in Techkriti14 and looking after their publicity and travel arrangements prior to the festival and hospitality during the festival.

Coordinator, Computing Events, Techkriti'14

August 2013 – Present

Responsible for conducting computing events (Programming and Software related), creating and testing problem statements for competitions and managing the events in Techkriti'14

Mentor, Association of Computing Activities, IIT Kanpur

January 2014 – Present

Responsible for mentoring three first year students of Computer Science Department, introducing them to web development (through ruby on rails) and linux.

Assistant Coordinator, VYLC 2013

November 2012 – January 2013

Responsible for managing events and competitions organised in the Vivekananda Youth Leadership Convention 2013, organized by the Vivekananda Samiti, Indian Institute of Technology Kanpur.

Representative, Alumni Contact Program

April 2013 – July 2013

Responsible for maintaining Alumni relations, talking to them over phone, inviting them for alumni events, verifying their contact details, resolving difficulties in their relationship with the Institute and soliciting contributions for the institute.

RELEVANT COURSES

- Fundamentals of Computer Science
- Data Structures and Algorithms
- Computing Laboratory
- Computer Organisation
- Discrete Mathematics
- Linear Algebra
- Complex Numbers
- Partial Differential Equations
- Fundamentals of Calculus
- Machine Learning

MISCELLANEOUS

Github : [apeeyush](#)
Stack Overflow : [peeyush](#)
LinkedIn : [Peeyush Agarwal](#)